Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Saturday 02 Jan 2021 until 23:59 on Sunday 03 Jan 2021

Forecast Issued on Saturday 02 Jan 2021 at 02:10

Confidence: High confidence for a settled period of weather until the middle of next week, lower confidence for cloud amounts and amounts of wintery showers.

Headline for Saturday 02 Jan 2021: Mainly dry. Increasingly cloudy. A cold northerly wind.

Mountain weather hazards on Saturday 02 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Fog
Precipitation probability					
00%	<05%	<05%	<05%	10%	10%

Forecast for Saturday 02 Jan 2021

Weather: A cold frosty start. Patchy cloud will increase through the morning, then a generally cloudy afternoon and evening. Mostly dry, but the odd brief light snow flurry can't be ruled out. Bitterly cold in the wind.

Chance of cloud free mountain/hill tops above 800m: 90% in the morning, perhaps a few bits and pieces of cloud around the Fell tops at times but it shouldn't persist. 30% in the afternoon with thickening cloud lowering to 600m, best chance of breaks across southern Fells.

Visibility: Very good in the morning, deteriorating to poor on the tops in the afternoon as cloud lowers, with snow cover resulting in very poor contrast.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Saturday 02 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	21/24 N	18/21 NE	21/25 NE	25/31 N	29/36 N	32/40 NE	30/38 NE
600	12/17 NW	10/15 NE	10/14 NE	17/24 N	19/26 N	20/29 NE	20/28 NE
300	4/16 NW	3/12 N	5/14 N	7/20 N	7/23 N	8/22 N	8/23 N
Valley	6/18 N	6/14 N	7/17 N	10/23 N	9/24 N	11/25 N	11/24 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-4/-12	-4/-12	-4/-12	-4/-13	-4/-13	-3/-12	-3/-12
600	-3/-9	-3/-9	-3/-8	-2/-9	-2/-9	-2/-9	-2/-9
300	-1/-4	-2/-4	0/-2	-0/-4	-0/-4	-0/-4	0/-4
Valley	1/-2	1/-2	3/-0	2/-2	2/-2	2/-3	2/-2
Freezing Level*	100m	00m	200m	200m	200m	400m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Icy conditions will persist on many paths. Tricky navigation conditions on the tops in the afternoon.

Forecast for Sunday 03 Jan 2021

Weather: A cloudy day but some brighter or sunny intervals in the west, cloud thickening at times to give a few light wintery showers especially in the afternoon in the east, these tending to die out by evening, but remaining cloudy.

Maximum wind: North or Northeast 15-20mph.

Chance of cloud free mountain/hill tops above 800m: 70% Areas of cloud around 600m will cover the Fell tops at times in the afternoon, perhaps as light snow showers move through.

Visibility: Mainly good but perhaps moderate in snow flurries, visibility will be poor in any hill fog.

Temperature: **Valleys:** Zero rising to 3 Celsius.
At 800m: Minus 3 Celsius
Freezing level: Around 300m.

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Friday 1 January
Location: Helvellyn summit at 11:15
Full report:
More fresh snow overnight and terrain remains widely frozen down to valley level.
Compacted snow on the paths and ice at all levels present real hazards, especially around drainage lines and stream crossings. Lower slopes are particularly affected by ice, and microspikes and/or walking poles are a real asset.

The snow level remains at roughly 300m and increases a little with height to roughly boot-deep in areas where it hasn't been disturbed by the wind. Knee-deep drifts are present in many sheltered dips and hollows.
High ground exposed to the wind tends to be relatively well scoured, and exposed rock across the summit plateau was well covered in rime ice today.

Swirral and Striding edge are both in full winter condition and great care is required on this.
Small cornices have formed on many different aspects, typically around corrie and gully rims and along ridge flanks. These are comprised of soft unstable snow and should be given a wide berth.

Some small upland tarns have frozen over and with snow on the top of the ice, they can be quite difficult to see and present an additional hazard.

Issued at: 02:10 on Sat 02 Jan 2021

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